What is claimed is:

1. A transport disc for an opening device of a printed sheet feeder, the transport disc configured to be arranged on a first opening drum of the opening device and having at least one outer elastic support, wherein the outer elastic support is configured to cooperate with a securing disc of a second opening drum of the opening device to clamp an individual printed sheet between the outer elastic support and the securing disc for transporting the individual printed sheet to a transport device, wherein the outer elastic support has an outer bearing layer and a compensation area positioned radially inwardly underneath the outer bearing layer, wherein the compensation area is radially yielding and supports the outer bearing layer.

2. The transport disc according to claim 1, wherein the compensation area is more elastic in the radial direction than the outer bearing layer.

3. The transport disc according to claim 1, wherein the compensation area has a radial compression area having a radial thickness matching at least substantially a radial thickness of the outer bearing layer.

4. The transport disc according to claim 3, further comprising a disc body, wherein the outer elastic support further comprises an inner layer positioned radially inwardly of the compensation area, wherein the inner layer comprises means for fastening the outer elastic support to the disc body.

5. The transport disc according to claim 1, wherein the outer elastic support is a rubber-elastic segment body extending in a circumferential direction of the transport disc.

6. The transport disc according to claim 5, wherein the rubber-elastic segment body is made of polyurethane.

7. The transport disc according to claim 6, wherein the polyurethane is castable.

8. The transport disc according to claim 5, further comprising a disc body, wherein the rubber-elastic segment body is configured to be fixedly connected to the disc body.

9. The transport disc according to claim 1, wherein the compensation area has a plurality of stays each having a first end connected to the outer bearing layer and each

having a second end positioned radially inwardly of the respective first end.

10. The transport disc according to claim 9, wherein the stays are formed as ledges or lamellas.

11. The transport disc according to claim 9, wherein the stays are positioned at a slant to a radial line extending in a radial direction from the first end to a center of the transport disc, respectively.

12. The transport disc according to claim 1, wherein the outer elastic support is made of a rubber-elastic plastic material.

13. The transport disc according to claim 12, wherein the rubber-elastic segment body is made of polyurethane.

14. The transport disc according to claim 13, wherein the polyurethane is castable.

15. The transport disc according to claim 1, further comprising a disc body, wherein the outer elastic support is configured to be detachably connected to the disc body.

16. The transport disc according to claim 15, wherein the outer elastic support is connected to the disc body by screws.

17. The transport disc according to claim 1, wherein the printed sheet feeder is a gather-stitcher feeder and the transport disc is fixedly connected to a shaft of the first opening drum.